

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: To Be Assigned  
Applicant: Masakazu Adachi et al.  
Filed: February 25, 2004  
Title: ANTENNA SWITCH MODULE, ALL-IN-ONE COMMUNICATION  
MODULE, COMMUNICATION APPARATUS AND METHOD FOR  
MANUFACTURING ANTENNA SWITCH MODULE

TC/A.U.: To Be Assigned  
Examiner: To Be Assigned  
Confirmation No.: To Be Assigned  
Docket No.: MTS-3507US

**INFORMATION DISCLOSURE STATEMENT*****Mail Stop PATENT APPLICATION***

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R :

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (R&P) submitted herewith. A copy of each of the listed references is also enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

The following Japanese reference is not in the English language:

- 1) 2001-285112

Reference 1) includes an English language abstract, an English language translation and a "concise explanation" under 37 CFR § 1.98(a)(3) is also set forth in the specification at page 2, lines 15-16.

This Information Disclosure Statement is being filed concurrently with the above-referenced application.

Respectfully submitted,

  
Allan Ratner, Reg. No. 19,717  
Attorney for Applicants

AR/fp

Enclosures: PTO Form 1449 (1 Sheet)  
Copy of (1) Reference

Dated: February 25, 2004

P.O. Box 980  
Valley Forge, PA 19482-0980  
(610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. **18-0350** of any fees associated with this communication.

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I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
KATHLEEN LIBBY

**Complete if Known**

*(Use as many sheets as necessary)*

**SHEET 1 of 1**

Application Number

### To Be Assigned

Filing Date

February 25, 2004

First Named Inventor

Masakazu Adachi et al.

Art Unit

### To Be Assigned

Examiner Name

### To Be Assigned

Attorney Docket No.

**MTS-3507US**[illegible][illegible]Date  
Considered

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